



# CITY OF WHEATLAND

## CITY COUNCIL MEETING STAFF REPORT

April 22, 2021

**SUBJECT:** Council discussion and consideration to adopt Resolution No. 16-21 accepting the Basis of Design Report for the Wheatland Regional Sewer Pipeline Project.

**PREPARED BY:** Dane Schilling – City Engineer

---

### **Recommendation**

Adopt Resolution No. 16-21 accepting the Basis of Design Report for the Wheatland Regional Sewer Pipeline Project.

### **Background**

On July 7, 2020, the Yuba Water Agency (YWA) Board granted \$2,596,320 50% grant and 50% loan) to the City of Wheatland for the design and environmental efforts for the conveyance pipeline and pump stations needed to deliver 1.5 million gallons per day of sewage from Wheatland to the planned terminus of OPUD's new pipeline at Rancho Road and South Beale Road ("Project"). The Project would involve 7.5-miles of pipelines primarily over existing roads, three pump stations, modifications to the exiting Malone Pump Station, and crossing of the UPRR tracks, Hwy-65 and several waterways.

On July 28, 2020, the City Council adopted Resolution No. 35-20 approving the \$2.6M grant/loan agreement to fund environmental and design efforts for the Project and authorizing the City Manager to sign the agreement.

On October 27, 2020, the City Council adopted Resolution No. 43-20 amending the FY 2020-21 Budget and authorizing the City Manager to proceed with environmental review and engineering design for the Wheatland Regional Sewer Pipeline Project.

### **Discussion**

The Basis of Design Report (BODR) is the first step in the process of becoming shovel ready. It will be followed by field investigations, property acquisitions, 50% Design, 90% Design, and Final Design phases. Efforts to obtain rights of way and obtain environmental clearance will be occurring concurrent and coordinated with the design phases.

The purpose of the report is to:

1. Identify flow conditions for current level of development and predict flows for the end of the design period.
2. Decide on the standards on which to base the design.
3. Identify pipeline alignments and pump station locations. This will be used to determine pipeline lengths for pump sizing calculations, land acquisition, environmental surveys, land surveying, and geotechnical activities.
4. Summarize preliminary calculations in order to identify the pipeline parameters such as diameter and pressure rating, and to identify pipeline appurtenances necessary for proper operation.
5. Summarize preliminary calculations in order to identify pump station parameters such as pump horsepower and wet well dimensions, and to allow further discussion with Olivehurst Public Utility District (the receiver of Wheatland wastewater flows).
6. Provide an outline of a work plan of necessary steps for decommissioning and demolishing the existing wastewater treatment plant, including responsible parties for each portion.
7. Provide updated construction phase cost estimates for the project.

The BODR also provides a basis for initiating environmental reviews to satisfy the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA).

### **Fiscal Impact**

No fiscal impact by this action.

### **Attachments**

1. Resolution No. 16-21
2. Basis of Design Report for the Wheatland Regional Sewer Pipeline Project, April 2012

## **RESOLUTION NO. 16-21**

### **RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WHEATLAND ACCEPTING THE BASIS OF DESIGN REPORT FOR THE WHEATLAND REGIONAL SEWER PIPELINE PROJECT**

**WHEREAS**, on July 28, 2020, the City Council adopted Resolution No. 35-20 approving the \$2.6M grant/loan agreement to fund environmental and design efforts for the Wheatland Regional Sewer Pipeline Project ("Project") and authorizing the City Manager to sign the agreement; and

**WHEREAS**, the Project will require the services of consultants to provide environmental review and engineering services which are estimated not to exceed \$2.6M; and

**WHEREAS**, on October 27, 2020, the City Council adopted Resolution No. 43-20 amending the FY 2020-21 Budget and authorizing the City Manager to proceed with environmental review and engineering design for the Project; and

**WHEREAS**, the City has engaged its contract planning firm, Raney Planning and Management, and the City's contract engineering firm, Coastland Civil Engineering, to perform the required environmental and engineering design work for the Project; and

**WHEREAS**, the first step of the design effort includes the preparation of a Basis of Design Report which includes: the calculation of sewer flow conditions; the standards on which to base the final engineering design; proposed pipeline alignments and pump station locations; preliminary calculations in order to identify the pipeline parameters; preliminary calculations in order to identify pump station parameters; work plan for decommissioning and demolishing the existing wastewater treatment plant; opinions of construction costs; and also provides a basis for initiating environmental reviews to satisfy the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA); and

**WHEREAS**, the Basis of Design Report, dated April 2021 was presented to the City Council on April 27, 2021.

**NOW, THEREFORE IT IS HEREBY RESOLVED, ORDERED AND FOUND** by the City Council of City of Wheatland, State of California, hereby accepts the Basis of Design Report for the Wheatland Regional Sewer Pipeline Project and authorizes the City Manager to approve modifications to the proposed project that are consistent with the overall scope and estimated costs of the project as represented in the report.

**PASSED AND ADOPTED** by the City Council of City of Wheatland, State of California this 27<sup>th</sup> day of April 2021, by the following vote:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

ATTEST:

---

Rick West, Mayor

---

Lisa Thomason, City Clerk